

Title (en)  
VEHICLE

Title (de)  
FAHRZEUG

Title (fr)  
VÉHICULE

Publication  
**EP 4144627 A4 20240522 (EN)**

Application  
**EP 21797040 A 20210120**

Priority  
• JP 2020080949 A 20200501  
• JP 2021001759 W 20210120

Abstract (en)  
[origin: EP4144627A1] A vehicle (100) includes a single front wheel (1) arranged on a center line extending in a front-rear direction, two rear wheels (2) arranged on a left side and a right side of the center line, a steering part (14) arranged above the front wheel (1), a placement part (25) on which feet of an occupant are placed, a first member rotatably supporting the front wheel (1) and supporting the front wheel (1) in a steerable manner by the steering part (14), a second member (20) arranged behind the first member (10) to rotatably support the two rear wheels (2), and a connecting part (7) connecting the first member (10) and the second member (20) swingably in a left-right direction about an axial line extending in the front-rear direction. The placement part (25) is supported by the second member (20).

IPC 8 full level  
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CPC (source: EP US)  
**B62K 5/02** (2013.01 - EP); **B62K 5/027** (2013.01 - EP US); **B62K 5/06** (2013.01 - EP); **B62K 5/10** (2013.01 - EP US); **B62K 21/00** (2013.01 - EP); **B62K 21/10** (2013.01 - EP); **B62K 3/002** (2013.01 - EP)

Citation (search report)  
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• [X] US 2013257013 A1 20131003 - LIAO HSUEH-SEN [TW]  
• [YA] US 2018072366 A1 20180315 - KAMA TAKESHI [JP], et al  
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• See also references of WO 2021220560A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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**EP 4144627 A1 20230308; EP 4144627 A4 20240522**; CN 115485189 A 20221216; JP 2021176742 A 20211111; JP 2021176753 A 20211111; JP 2021176754 A 20211111; JP 6915179 B1 20210804; JP 6935610 B1 20210915; US 11964727 B2 20240423; US 2023202611 A1 20230629; WO 2021220560 A1 20211104

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**EP 21797040 A 20210120**; CN 202180031557 A 20210120; JP 2021001759 W 20210120; JP 2021006175 A 20210119; JP 2021115870 A 20210713; JP 2021115874 A 20210713; US 202117921340 A 20210120